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Framework Convention on Climate Change

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Status report of the annual inventory of Japan

1. This status report was prepared by the secretariat pursuant to decision 13/CP.20, as part of the initial assessment of Japan's 2015 annual inventory, submitted in accordance with decision 24/CP.19. It reflects the content of the inventory submission of 2015 as originally submitted by the Party.

2. In this report, the following abbreviations are used:

CRF: common reporting format
GHG: greenhouse gas
LULUCF: land use, land-use change and forestry
IPPU: industrial processes and product use
NIR: national inventory report
SBDT: sectoral background data tables

Notation keys
C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

Gases
CO_2: carbon dioxide
CH_4: methane
N_2O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: Unspecified mix of HFCs and PFCs
SF_6: sulphur hexafluoride
NF_3 nitrogen trifluoride
NO_X: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO_2: sulphur dioxide

GE.16-01938(E)

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GREENHOUSE GAS INVENTORY SUBMISSION													
General information		*Date of receipt*			*Date of resubmission*			*Comments*					
	NIR	23-Apr-15											
	CRF tables[a]	28-Dec-15											
	Additional information[b]												
	CRF provided for years	1990-2013											
	Base year or period[c]	1990											
	Gases covered	CO_2	CH_4	N_2O	HFCs	PFCs	MIX	SF_6	NF_3	NO_X	CO	NMVOCs	SO_2
		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
NIR	Description	The organization of the NIR, in general, follows the structure outlined in the updated UNFCCC reporting guidelines on annual inventories.[d]											
	Language of NIR	English											

[a] The CRF tables are contained in annex II to decision 24/CP.19.

[b] Additional information can be any information submitted by a Party in conjunction with the NIR or CRF tables.

[c] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2, 11/CP.4 and 7/CP.12.

[d] "Revision of the UNFCCC reporting guidelines on annual inventories for Parties included in Annex I to the Convention" (decision 24/CP.19).

PART I

Provision of information for the latest reported inventory year in the common reporting format: 2013

		Energy		*IPPU*		*Agriculture*		*LULUCF*		*Waste*	
Tables	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓
				2(II)	✓			4.1	✓		
	Sectoral background data tables	1.A(a)	✓	2(I).A–H	✓	3.A	✓	4.A	✓	5.A	✓
		1.A(b)	✓	2(II).B–H	✓	3.B(a)	✓	4.B	✓	5.B	✓
		1.A(c)	✓			3.B(b)	✓	4.C	✓	5.C	✓
		1.A(d)	✓			3.C	✓	4.D	✓	5.D	✓
		1.B.1	✓			3.D	✓	4.E	✓		
		1.B.2	✓			3.E	✓	4.F	✓		
		1.C	✓			3.F	✓	4(I)	✓		
		1.D	✓			3.G–I	✓	4(II)	✓		
								4(III)	✓		
								4(IV)	✓		
								4(V)	✓		
								4.G	✓		
	Summary tables	Summary 1.A	✓	Summary 2	✓	Summary 3	✓				
	Other tables	Table 6 (Indirect emissions)	✓	Table 7 (Key categories)	✓	Table 8 (Recalculation)					
		Table 9 (Completeness)	✓	Table 10 (Emission trends)	✓						
	Comments										

Totals	*Provided for gases*	CO_2 ✓	CH_4 ✓	N_2O ✓	HFCs ✓	PFCs ✓	MIX	SF_6 ✓	NF_3 ✓
	Provided for years	1990–2013	1990–2013	1990–2013	1990–2013	1990–2013		1990–2013	1990–2013

CO_2	*Comparison of CO_2 from fuel combustion*	*Reference approach*	*Sectoral approach*	*Difference of more than 2 per cent*	*If difference is more than 2 per cent*
		✓	✓		Explanation provided

HFCs, PFCs, MIX, SF_6 and NF_3		HFCs	PFCs	Unspecified mix of HFCs and PFCs	SF_6	NF_3
	Disaggregation by species	✓	✓	[redacted]		

Notation keys	*Used in*	Summary 1.A	✓	Sectoral report tables	✓	Sectoral background data tables	✓
	Comments						

PART II Provision of common reporting format tables for years reported																
				Years												
				Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*Comments*
Energy	Sectoral report: Table 1			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1994–1996, 2000–2002 and 2008–2013. For these years the notation keys NE and NO are used.
		Table 1.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IPPU	Sectoral reports:	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 2(I).A–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II).B–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II Provision of common reporting format tables for years reported (continued)															
			Years												
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*Comments*
Agriculture	Sectoral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 3.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2013. For these years the notation key NO is used.
		Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.G–I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

			Years													
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*Comments*
LULUCF	Sectoral report: Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 4.I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

		Years															Comments
		Base year[a]	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Waste	Sectoral report: Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
SBDT	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

PART II

Provision of common reporting format tables for years reported (continued)

		Years													
		Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*Comments*
Summary and other tables	Summary 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary 2 (CO_2 equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary 3 (Methods and emission factors used)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6 (Indirect emissions of N_2O and CO_2)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Overview for key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 8 (Recalculated data)														Information on recalculations is not relevant for 2015.
	Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 10 (Emission trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990 in accordance with Article 4, paragraph 6, of the Convention and decisions 9/CP.2, 11/CP.4 and 7/CP.12.

PART III Provision of information relating to recalculations[a]						
Table 8 (Recalculated data)		Comments				
Recalculation reported for years						
Recalculated sectors/gases	Energy		IPPU	Agriculture	LULUCF	Waste
CO_2						
CH_4						
N_2O						
HFCs						
PFCs						
Unspecified mix of HFCs and PFCs						
SF_6						
NF_3						
Percentage difference in aggregate greenhouse gas emissions	Base year estimate:[b]		With LULUCF:	%	Without LULUCF:	%
	Latest recalculated year:[c]		With LULUCF:	%	Without LULUCF:	%

[a] Information on recalculations is not relevant for 2015.

[b] Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990 in accordance with Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

[c] The latest recalculated year is the submission year minus 3.